

SSOW – Work at height on Reach Stackers.

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Scope of Activity:	This safe system of work covers Forkway Engineers working at height on a Reach Stacker. It does not cover the maintenance or repair activities being completed. This is covered by SSOW 001.
Applicable Risk Assessments:	RA 017 – Work at height on Reach Stackers. RA 003 – Work at height from a MEWP. RA 001 - Maintenance and repair internal combustion, electric, mains or generator powered materials handling and plant equipment.
Hazards Expected:	As identified in the applicable risk assessment.
Mandatory PPE:	Overalls Safety boots Nitrile gloves Safety glasses High visibility clothing (vest as minimum)
Additional PPE (as required):	Full body harness (EN 361 standard) Lanyard (EN 358 standard) Harness Belt (EN 358 standard) Snap hook/ Scaffold Hook (EN 362 standard) connected to Karabiner (EN 362 Standard)
Resources:	Competent engineer (s) Barrier tape Mobile phone MEWP

Manning:

Field service engineer(s) reporting to an Engineering Manager who is responsible for providing information, instruction, supervision and ensuring that the engineers are suitably trained. In turn the Engineering Manager reports to the Senior / Regional Business Manager.

Engineers will take full responsibility for:

- Customer contact, authority to carry out the task, signing and implementing customer work permits and following customer site rules;
- Establishing with the customer and working in a safe area and environment;
- Ensuring that a risk assessment is in place, is suitable and sufficiently covers all hazards;
- Familiarising themselves with the equipment operator and maintenance manuals;
- Ensuring all maintenance and repairs are completed in accordance with the manufacturer's manual.

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Safe Working Method:

- Upon arrival on site, you must sign in where applicable and make contact with the designated site contact. You must ensure you have completed any necessary inductions and any permits to work or other documentation required by customer have been completed;
- Agree with the site contact a designated safe working area in which to carry out all operations:
- Ensure the equipment under repair is isolated to prevent it moving during the repair
 - Parked on firm level ground with park brake applied. Chock wheels if necessary;
 - Keys removed and kept in possession of engineer throughout entire task;
 - Do not use tag fitted;
 - Elevated components or ones that could move must be secured/ supported with chains, slings, blocks or similar to prevent unexpected movement;
- Work at height will be carried out either from the basket of a MEWP or directly on the main chassis/ frame of the Reach Stacker. When working at height and the use of any fall restraint equipment is required, you must be trained and competent to use the equipment and make sure it is within the required inspection period before you start the task;
- Where work at height is completed using a MEWP, RA 003 and SSOW 003 will be followed for the safe operation of the MEWP;
- Before any work at height from main chassis/ frame you must ensure that the work surface is suitable and free from any trip or slip hazards (oils, greases, liquids, ice/ snow etc.)
- Engineers must not work from the top of the hydraulic tank due to the slip and trip hazards present.

Work on attachment:

- Where possible work on the attachment will be completed from ground level. Where this is not achievable appropriate access equipment will be used, including either working from a MEWP, using warehouse steps/ podium platforms or using a ladder. The appropriate RA and SSOW must be followed for the particular access equipment used.

Working from the front offside fender:

- It is anticipated that work will be required from the offside front fender in order to access the fuse/ relay box inside the offside cab door.
 - Photos 1 to 7 below show accessing this area from a MEWP
 - Photos 8 to 14 below show accessing this area via the cab

Working on the main body:

- Most maintenance and repair at height will be carried out directly on the main chassis/ frame of the Reach Stacker;
- The main frame area should be accessed via the manufacturer's fitted steps/ walkway using 3 points of contact;

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- Always position your body away from the edge of the reach stacker and maintain a stable footing;
- Photos 15 to 22 below show safe access to various component areas.

Work on the reach boom:

- Work on the reach boom will be completed from the basket of a MEWP following RA 003 and SSOW 003

Photos:



Picture 1 engineer using MEWP to access wheel arch

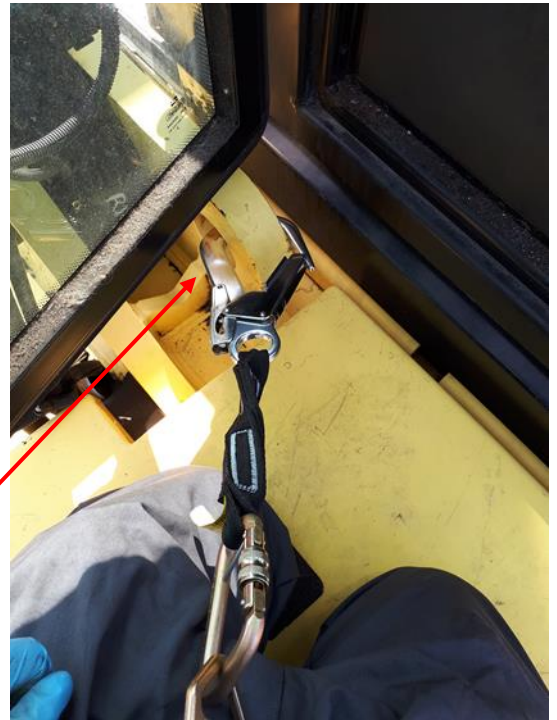


Picture 2 engineer stepping on to wheel arch from MEWP

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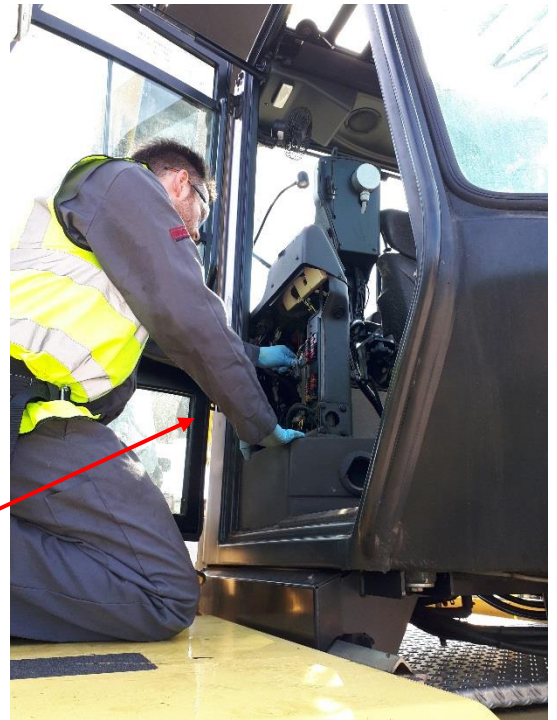
Picture 3 engineer attaching harness to suitable anchor point



Picture 4 engineer attaching harness to eliminate the risk of falling from wheel arch



Picture 5 engineer stood on wheel arch anti slip pads can be seen



Picture 6 engineer kneeling on wheel arch working on fuse box cab in forward position.

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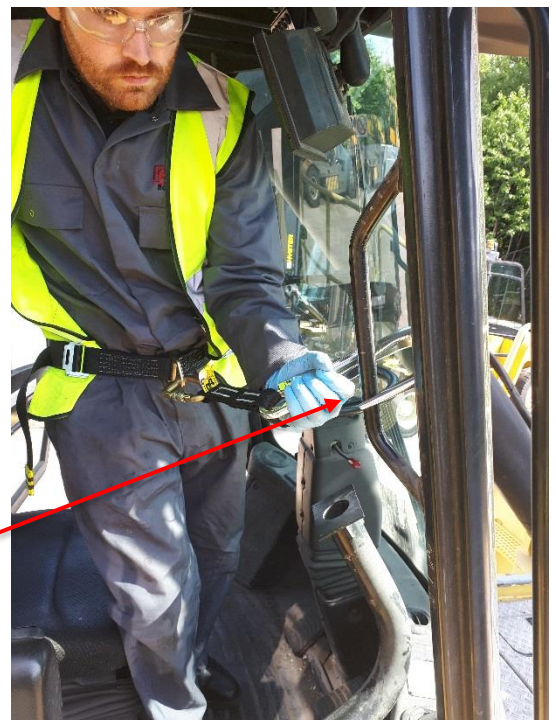
Picture 7 engineer re-entering the man up machine for safe egress from the wheel arch, safety harness can be seen attached to the man up machine.



Picture 8 engineer moving steering column forward for alternative access to wheel arch.



Picture 9 engineer lifting arm rest and hydraulic control lever up for alternative access to wheel arch.



Picture 10 engineer seen attaching harness to suitable anchor point for alternative access to wheel arch.

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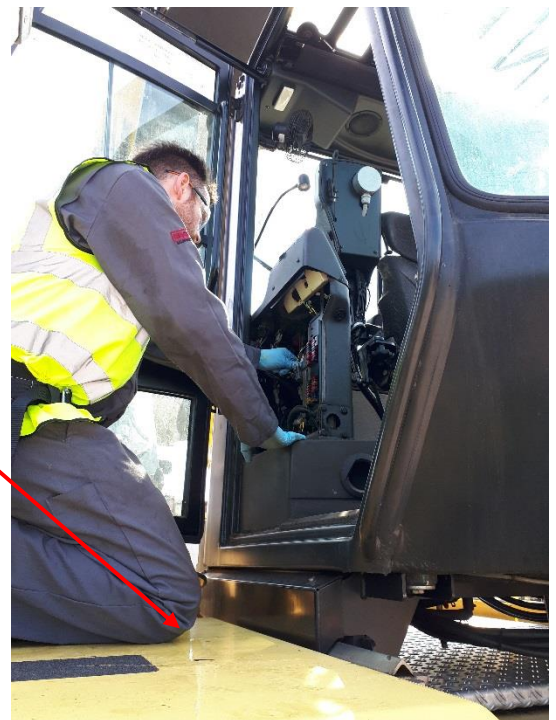
Picture 11
engineer seen
striding over
computer bracket
with harness
attached to
suitable anchor
point for
alternative access
to wheel arch.



Picture 12
engineer stepping
on to wheel arch
from truck cab
harness still
attached.



Picture 13
engineer attaching
harness to suitable
anchor point.



Picture 14
engineer kneeling
on wheel arch
working on fuse
box cab in forward
position.

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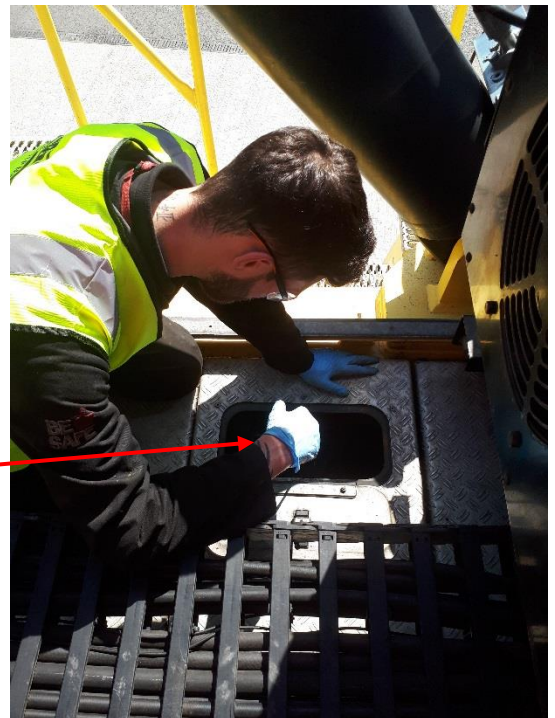
Picture 15
engineer Kneeling
on firm stable
cover plates cab in
forward position
checking oil level



Picture 16
engineer Kneeling
on firm stable
cover plates cab in
forward position
checking oil level

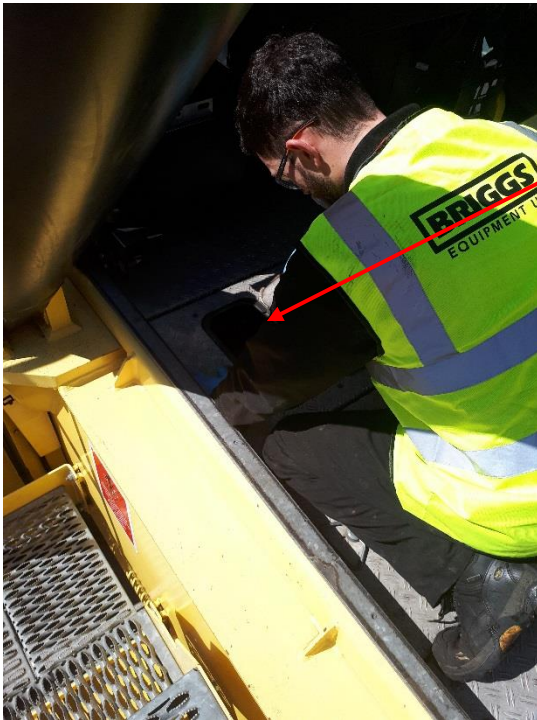


Picture 17
engineer Kneeling
on firm stable
cover plates cab in
forward position
checking oil level

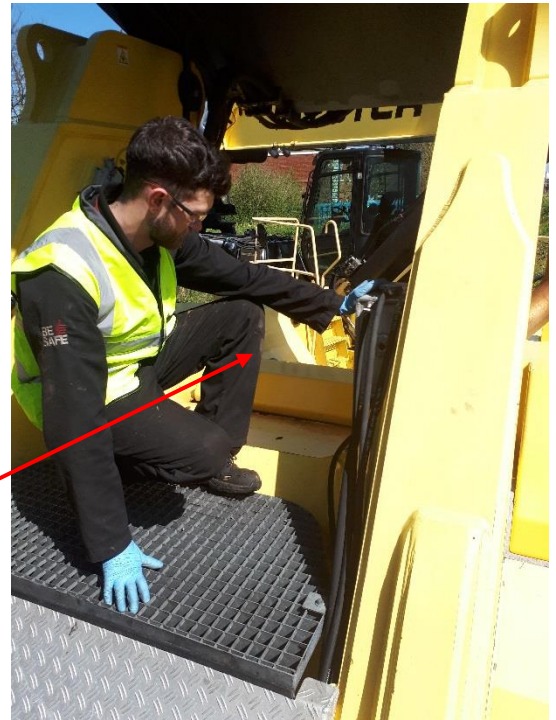


Picture 18
engineer Kneeling
on firm stable
cover plates cab in
forward position
checking oil level

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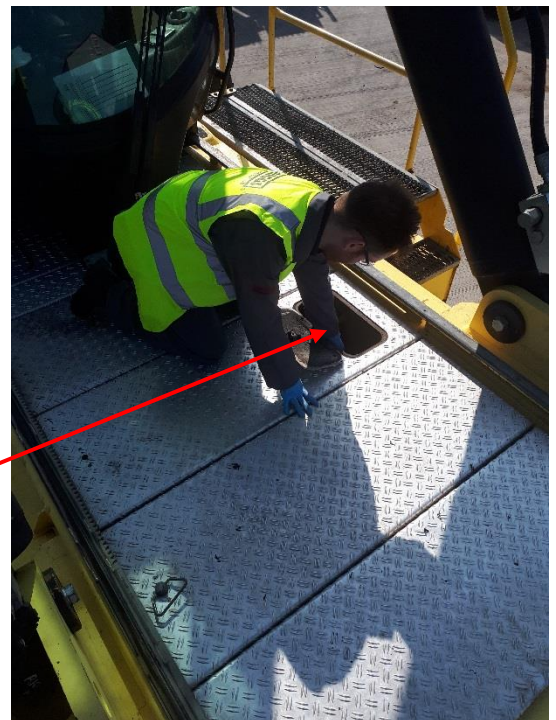
Picture 19
engineer Kneeling
on firm stable
cover plates cab in
forward position
checking oil level



Picture 20
engineer stood on
firm stable cover
plates cab in
forward position
checking coolant
level.



Picture 21
engineer stood on
firm stable cover
plates cab in
forward position
checking coolant
level



Picture 22
engineer Kneeling
on firm stable
cover plates cab in
back position
checking oil level

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Picture 23
engineer working
from MEWP
basket.